



United States  
Department of  
Agriculture

Forest  
Service

Northeastern Area  
State & Private  
Forestry

180 Canfield Street  
Morgantown, WV 26505

OH  
WV  
ACE  
74  
Z

Reply To: 3410

Date: January 19, 1995

Mr. Mike Fowles  
U.S. Army Corps of Engineers  
Pittsburgh District  
Loyalhanna Lake  
RD #2  
Saltsburg, PA 15681-9302

Dear Mr. Fowles:

Summaries of the 1983-1994 gypsy moth trapping programs conducted at five U.S. Army Corps of Engineers sites within the Pittsburgh District are enclosed for your information (Table 1). Also enclosed are maps showing trap locations (Figures 1-5). The purpose of the trapping program is to monitor low level gypsy moth populations and help determine when more intensive survey methods should be employed.

Berlin Lake, Mosquito Creek Lake and Stonewall Jackson Dam all had decreases (ranging from 62 percent to 84 percent) in average moths per trap in 1994. No other life stages were reported at these three sites.

Tygart Lake had a slight decrease (15 percent) in moths trapped. However, personnel from Tygart Lake conducted an egg mass survey (five-minute walks) and 3,7,9 and 13 egg masses were found at trap locations #5,#7,#9 and #11, respectively. Tygart Lake personnel have reported the findings to the West Virginia Division of Parks and Recreation.

Michael J. Kirwan Dam had an increase in moths trapped. Corps personnel found 11 egg masses at trap locations #8 and #9.

We would like to continue the trapping program at the same intensity at Stonewall Jackson Dam in 1995. If Corps personnel at the remaining sites will continue conducting egg mass surveys and/or burlap banding, then trapping is not necessary for our purposes. However, we will continue to support the resource managers who wish to continue trapping at their sites.



Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

A handwritten signature in cursive script that reads "Karen D. Felton".

KAREN D. FELTON  
Forestry Technician  
Forest Health Protection

Enclosures

cc: AO  
Robby L. Young, Berlin Lake  
Rene Berbench, Michael J. Kirwan Dam  
Douglas Krider, Mosquito Creek Lake  
James Devore, Stonewall Jackson Dam  
Patrick A. Docherty, Tygart Lake  
Allen Baumgard, OHDA  
Jan Hacker, WVDA

KDF/mae

Table 1.--Summary of the 1983-1994 gypsy moth trapping results,  
Pittsburgh District, U.S. Army Corps of Engineers.

Berlin Lake (Portage, Stark and Mahoning Counties, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983			No traps sent
1984	10	16	2,5
1985	10	0	--
1986	10	16	1,3-8
1987			Traps not deployed
1988	12	9	1,4,11
1989			Traps not deployed
1990	?	74	All
1991	11	63	All
1992	15	370	All
1993	15	4,712	All
1994	15	762	All

Michael J. Kirwan Dam (Portage County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984	10	0	--
1985	10	0	--
1986	10	9	1,4-6,8,9
1987	10	1	1
1988	10	4	3,6,7
1989	10	56	All
1990	10	97	All
1991	10	168	All
1992	10	673	All
1993	10	1,592	All
1994	15	2,955	All except 11

Mosquito Creek Lake (Trumbull County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	1	2
1984	10	0	--
1985	10	5	2,3,10
1986	10	48	All
1987	10	63	All
1988	10	59	All
1989	10	132	1,2,3,6,7,9
1990	10	130	All
1991	10	233	All
1992	10	335	1,2,4,6,7,9,10
1993	10	4,796	All
1994	9	996	All except 5

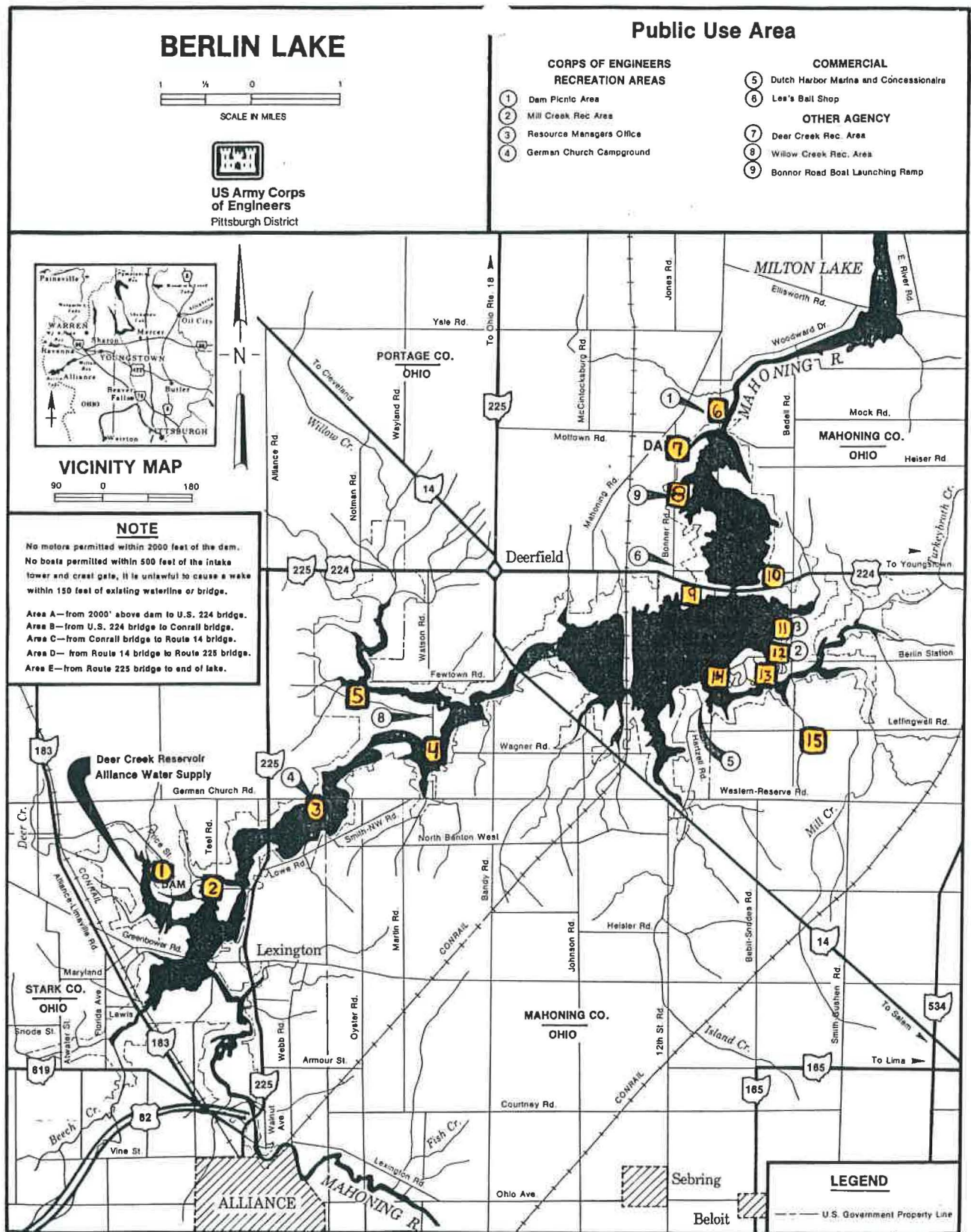
Stonewall Jackson Dam (Lewis County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983			No traps sent
1984	20	0	--
1985	23	1	6
1986	24	5	2,5,10,14,24
1987	24	4	18,23
1988	25	2	4,11
1989	25	6	11,16,18,20,22
1990	25	51	19,20-23
1991	25	19	5-9,15,17,18,20-23
1992	27	123	All except 2,23,25
1993	26	304	All except 22
1994	26	114	All except 5,6,13,14

Tygart Lake (Taylor County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984	10	3	8,1 or 2
1985	10	4	1,6
1986	9	25	1,3,6-9
1987	11	48	All except 4,5,11
1988	13	10	8-11
1989	13	564	All except 9
1990	13	785	All
1991	12	755	All except 3
1992	12	864	All
1993	12	6,918	All
1994	12	5,865	All

Figure 1.--1994 gypsy moth trap locations.

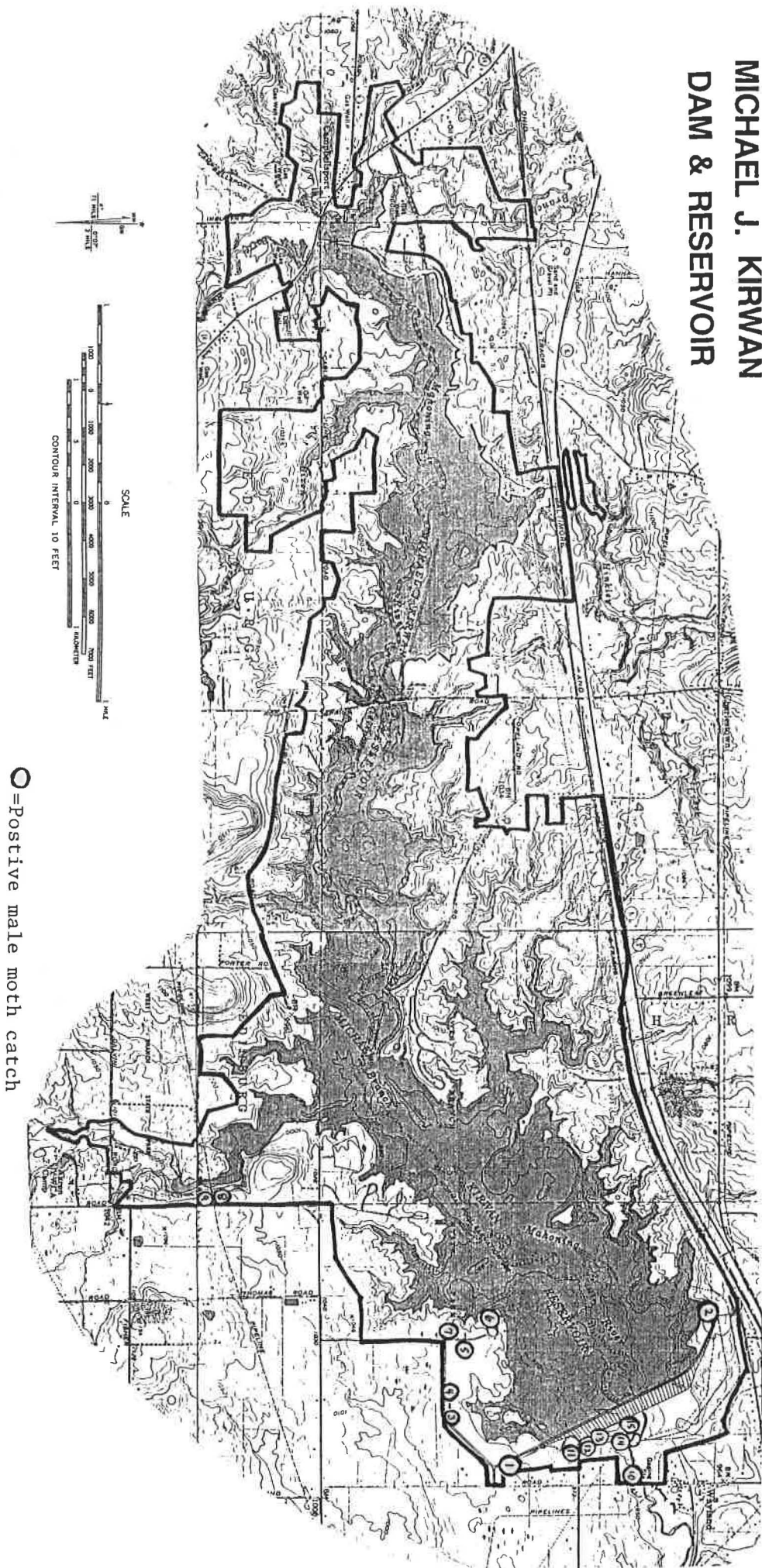


☐ = Positive male moth catch



Figure 2.--1994 gypsy moth trap locations.

# MICHAEL J. KIRWAN DAM & RESERVOIR

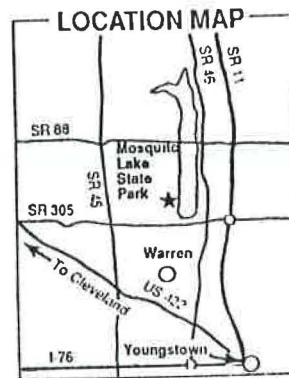


○=Positive male moth catch

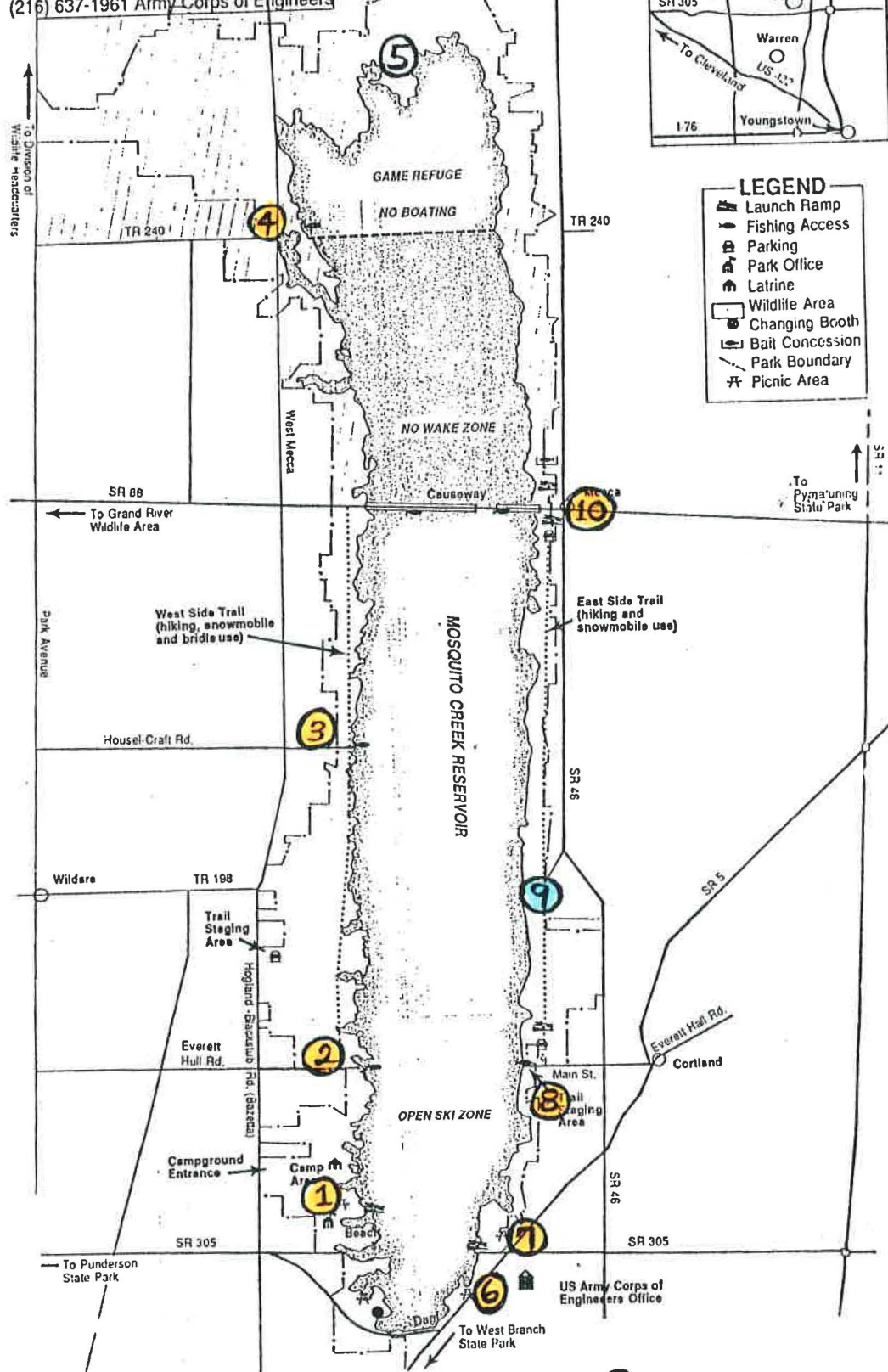
Figure 3.--1994 gypsy moth trap locations.

# **Mosquito Lake State Park**

1439 S.R. 305  
 Cortland, Ohio 44410-9303  
 (216) 637-2856 Park Office  
 (216) 638-5700 Campground Office  
 (216) 637-1961 Army Corps of Engineers



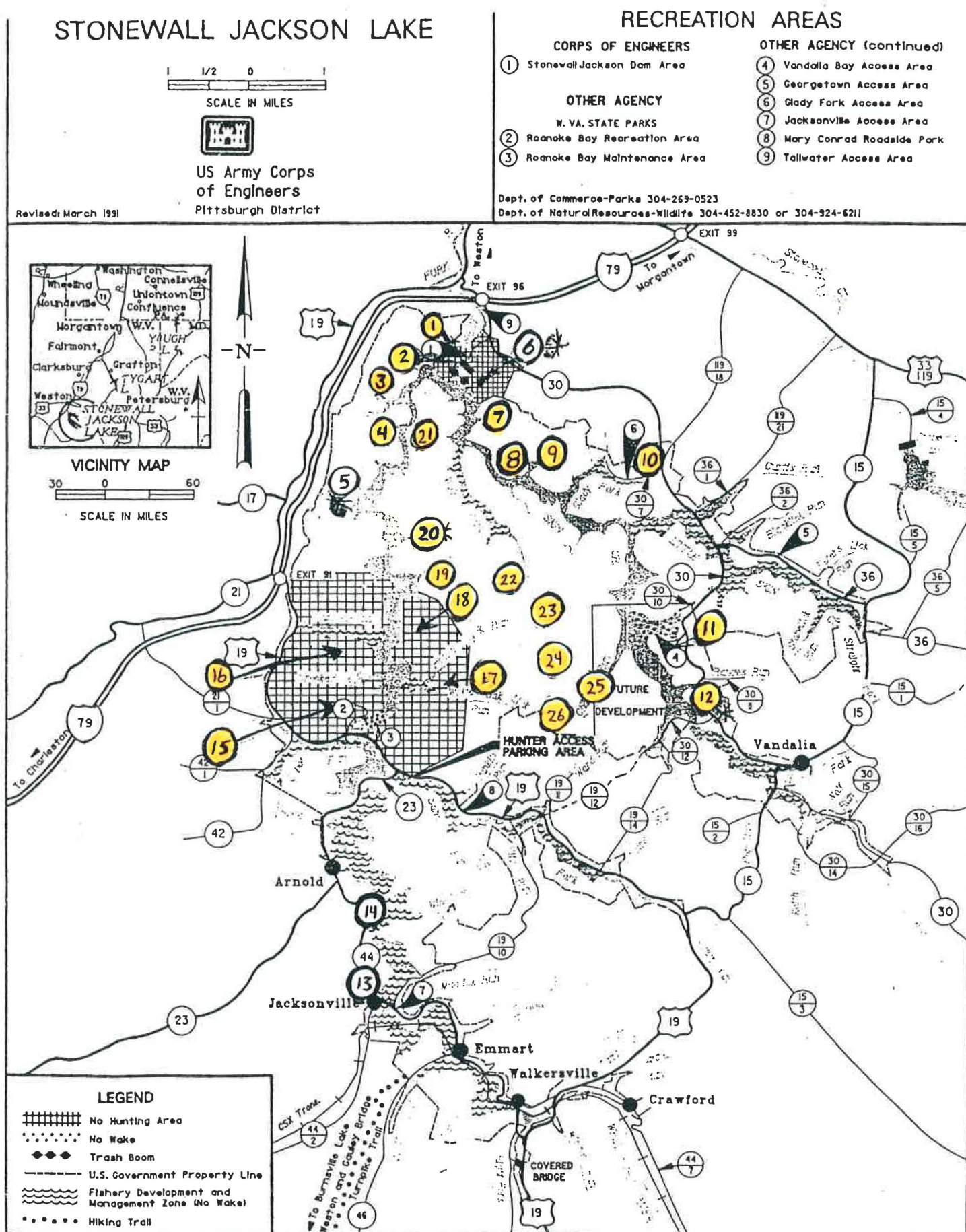
- LEGEND**
- Launch Ramp
  - Fishing Access
  - Parking
  - Park Office
  - Latrine
  - Wildlife Area
  - Changing Booth
  - Bait Concession
  - Park Boundary
  - Picnic Area



- =Positive male moth catch
- =Missing trap



Figure 4.--1994 gypsy moth trap locations.



● = Positive male moth catch